



A

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

non-provisional applications under 37 C.F.R. § 1.53(b)

Attorney Docket No.

AFD 481

First Inventor or Application Identifier

James B.Y. Tsui

Title

DIGITAL FILTER BANK FOLLOWED BY MONOBIT RECEIVERS
FOR SIGNAL PROCESSING

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)2. ☐ Applicant claims small entity status
(See 37 CFR 1.27)3. ☒ Specification [Total Pages]
(Preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a
computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets]5. ☐ Oath or Declaration [Total Pages]a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)i. ☐ **DELETION OF INVENTOR(S)**Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ Paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☐ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 1.373(b) Statement ☐ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☒ Information Disclosure Statement (IDS) PTO-1449 ☒ Copies of IDS
Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503) (should be itemized)15. ☐ Certified Copy of Priority Document(s)16. ☒ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its
equivalent.17. ☐ Other: _____18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an
Application Data Sheet under 37 CFR 1.76☐ Continuation ☐ Divisional ☐ Continuation in Part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit _____

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5B, is considered to be a part of the disclosure of the accompanying continuation or divisional application and is hereby
incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted
application parts.**CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer Number or Bar code label here)

Name	GINA S. TOLLEFSON				
Address	AFMC LO/JAZ 26902 BLDG 11, ROOM 100 2240 B STREET				
City	WRIGHT-PATTERSON AFB	State	OH	Zip Code	45433-7109
Country	U.S.A.	Telephone	(937) 255-2838	Fax	(937) 255-3733

Name (Print / Type)	GINA S. TOLLEFSON		Registration No. (Attorney / Agent)	39,049
Signature			Date	1 November 01

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number

Filing Date

First Named Inventor

James B.Y. Tsui

Examiner Name

Group Art Unit

TOTAL AMOUNT OF PAYMENT

(\$ 740.00

Attorney Docket Number

AFD 481

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

AF 01-0465

Deposit Account Name

Department of the Air Force

- ☒ Charge Any Additional Fee Required under 37 CFR 1.16 and 1.17 ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Lge Entity Fee Code	Lge Entity Fee (\$)	Sm. Entity Fee Code	Sm. Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility Filing Fee	740
06	330	206	165	Design Filing Fee	
07	510	207	255	Plant Filing Fee	
108	740	208	370	Reissue Filing Fee	
114	160	214	80	Provisional Filing Fee	
SUBTOTAL (1)					(\$ 740.00

2. EXTRA CLAIM FEES

Total Claims	Extra	Fee from below	Fee Paid
18	- 20** = 0	18	0
Independent claims	3 - 3 = 0	84	0
Multiple dependent claims			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

** or number previously paid, if greater; For Reissues, see below

3. ADDITIONAL FEES

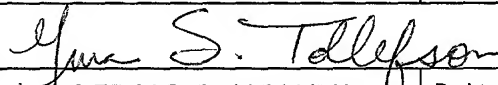
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner Action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times # of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR §1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR §1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
Other fee (specify)					

SUBTOTAL (3) \$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY


Complete (if applicable)

Typed or Printed Name	GINA S. TOLLEFSON	Registration. No.	39,049	Telephone	(937) 255-2838
Signature				Date	1 November 01
Typed or Printed Name	GERALD B. HOLLINS	Registration. No.	25,452	Telephone	(937) 255-2838
Signature				Date	

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	James B.Y. Tsui
	Title	DIGITAL FILTER BANK FOLLOWED BY MONOBIT RECEIVERS FOR SIGNAL PROCESSING
	Atty Docket Number	AFD 481

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 1.22(b).

1 November 01
Date


Signature

GINA S. TOLLEFSON
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and be submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 US.C. 122(b)(2)(B)(iii)).**

FOOTNOTES